ATTACHMENT J9

SHEPHERD AGS (ANG) Natural Gas Distribution System

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J9 SHEPHERD AGS (ANG) Natural Gas Distribution System

J9.1 SHEPHERD AGS (ANG) Overview

Shepherd AGS (ANG) is located at the Eastern West Virginia Regional Airport, 4 miles south of Martinsburg, WV. The installation consists of approximately 205 acres and 34 buildings totaling 347,441 square feet. During peak surges, the installation population is approximately 1500 personnel.

The 167th Airlift Wing initially constituted as the 369th Fighter Squadron on 20 December 1942 and formally activated on 15 January 1943 and assigned to the 359th Fighter Group from 15 January 1943 to 10 November 1945. Assignments included: Westover Field, Massachusetts on 15 January 1943, Grenier Field, New Hampshire on 6 April 1943, Republic Field, New York on 26 May 1943, Westover Field, MA on 24 August 1943 until 2 October 1943, East Wretham, England on 18 October 1943 until 4November 1945 and Camp Kilmer, New Jersey on 9-10 November 1945. The aircraft flown during World War II was the P-47 Thunderbolt (1943-1944) and the P-51 Mustang (1944-1945). The 369th took part in the Air Offensive, Europe; Normandy, Northern France, Rhineland; Ardennes-Alsace; Central Europe Air Combat, EAME Theater. The squadron deactivated on 10 November 1945, redesignated the 167th Fighter Squadron and allotted to the Air National Guard (ANG) on 24 May 1946.

The Air National Guard designated the State of West Virginia as the resident state for the fighter squadron. On 24 May 1946, Charleston's Kanawha Airport became the home base for the renamed 167th Fighter Squadron. Early aircraft included the T-6 Trainer, the P-47 Thunderbolt and the P-51Mustang. The name, mission, size and even the site changed over the next 40 years, but the numbers "167" have remained constant with the West Virginia Air National Guard.

In 1995, the unit began conversion training for the C-130H-3 in the first quarter and transferred most of the "E" models to Peoria, Illinois. The Civil Engineers deployed to Panama and the Medical Squadron deployed to Honduras. Most of the sections took part in a deployment to Alpena, Michigan in September where chemical exercises and other special training took place. The unit celebrated its 40th anniversary on 10 June 1995.

The 167th Airlift Group was redesignated the 167th Airlift Wing on 1 October 1995 and currently uses C-130H-3 aircraft to perform its airlift mission.

J9.2 Natural Gas Distribution System Description

J9.2.1 Natural Gas Distribution System Fixed Equipment Inventory

The SHEPHERD AGS (ANG) natural gas distribution system consists of all appurtenances physically connected to the distribution system from the point in which the distribution system enters the Installation and Government ownership currently starts to the point of demarcation, defined by the Right of Way. The system may include, but is not limited to, pipelines, valves, regulators, and meters. The actual inventory of items sold will be in the bill of sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the distribution system. The Government makes no representation that the inventory is accurate. The Contractor shall base its proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the natural gas distribution system privatization are: Nothing.

J9.2.1.1 Description

The natural gas distribution system at Shepherd Field-ANG is partially looped system comprised of approximately 7,000 linear feet of polyethylene and steel pipe ranging from 1 to 6 inches in diameter. There are 21 steel plug valves and 23 regulators. The most common type of system piping is a 50% mix of PE and steel buried approximately 2 ½ feet underground. Piping and valves are considered to be in good condition with ages ranging from 1951 to present. The delivered PSIG of the system is 60 PSIG and reduced to a 6 to 8 PSIG for service lines. The system has no cathodic protection devices and is metered from one location on base.

J9.2.1.2 Inventory

Table 1 provides a general listing of the major natural gas distribution system fixed assets for the SHEPHERD AGS (ANG) natural gas distribution system included in the sale.

TABLE 1
Fixed Inventory
Natural Gas Distribution System SHEPHERD AGS (ANG)

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PE Gas Pipe	1.00	245	LF	1978
	1.00	240	LF	1991
	1.25	310	LF	1977
	1.50	140	LF	1994
	2.00	910	LF	1976
	2.00	780	LF	1992
	2.00	80	LF	1994

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
	3.00	285	LF	1987
	4.00	930	LF	1995
Steel Gas Pipe	1.00	100	LF	1958
	1.25	300	LF	1958
	1.25	240	LF	1969
	1.50	120	LF	1958
	2.00	295	LF	1972
	3.00	300	LF	1985
	4.00	50	LF	1970
	5.00	770	LF	1971
	6.00	880	LF	1958
	6.00	215	LF	1970
	6.00	200	LF	1971
	6.00	170	LF	1985
Meters		1	EA	1976
		1	EA	1985
		1	EA	1987
		1	EA	1991
		2	EA	1992
		1	EA	1993
		3	EA	1994
Steel Plug Valves	1.00	1	EA	1993
	1.00	1	EA	1991
	1.25	2	EA	1958
	1.25	1	EA	1977
	1.50	1	EA	1958
	1.50	1	EA	1968
	1.50	1	EA	1994
	2.00	2	EA	1972
	2.00	1	EA	1976
	2.00	2	EA	1992
	2.00	1	EA	1994
	3.00	1	EA	1987
	3.00	1	EA	1958
	6.00	1	EA	1958
	6.00	4	EA	1971
	6.00	1	EA	1994

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
	6.00	1	EA	1991
	6.00	2	EA	1977
Regulators		5	EA	1958
		1	EA	1970
		2	EA	1971
		2	EA	1972
		1	EA	1976
		1	EA	1977
		1	EA	1985
		1	EA	1987
		1	EA	1991
		2	EA	1992
		1	EA	1993
		3	EA	1994
Industrial Service PE				
- Pipe		100	LF	1976
- 3-inch Regulator		1	EA	1976
- 3-inch Plug Valves		2	EA	1976

Notes:
PE = Polythylene
LF = Linear Feet
EA = Each
IN = Inches

J9.2.2 Natural Gas Distribution System Non-Fixed Equipment and Specialized Tools

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the purchase. Offerors shall field verify all equipment, vehicles, and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment, vehicles, and tools.

TABLE 2
Spare Parts
Natural Gas Distribution System SHEPHERD AGS (ANG)

Qty	Item	Make/Model	Description	Remarks
None				

TABLE 3
Specialized Vehicles and Tools
Natural Gas Distribution System SHEPHERD AGS (ANG)

Description	Quantity	Location	Maker
None			

J9.2.3 Natural Gas Distribution System Manuals, Drawings, and Records

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4
Manuals, Drawings, and Records
Natural Gas Distribution System SHEPHERD AGS (ANG)

Qty	Item	Description	Remarks
None			

J9.3 Specific Service Requirements

The service requirements for the SHEPHERD AGS (ANG) natural gas distribution system are as defined in the Section C, *Description/Specifications/Work Statement*.

J9.4 Current Service Arrangement

Gas is supplied by Mountainier Gas.

J9.5 Secondary Metering

J9.5.1 Existing Secondary Meters

Table 5 provides a listing of the existing (at the time of contract award) secondary meters that will be transferred to the Contractor. The Contractor shall provide meter readings for all secondary meters IAW Paragraph C.3 and J9.6 below.

TABLE 5
Existing Secondary Meters
Natural Gas Distribution System SHEPHERD AGS (ANG)

Meter Location	Meter Description
Buildings 125, 128, 130, 134, 136, 137, 139, and 140.	

J9.5.2 Required New Secondary Meters

The Contractor shall install and calibrate new secondary meters as listed in **Table 6**. New secondary meters shall be installed IAW Paragraph C.13, Transition Plan. After installation, the Contractor shall maintain and read these meters IAW Paragraphs C.3 and J9.6 below.

TABLE 6
New Secondary Meters
Natural Gas Distribution System SHEPHERD AGS (ANG)

Meter Location	Meter Description
None	

J9.6 Monthly Submittals

The Contractor shall provide the Government monthly submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to the person identified at time of contract award.

2. Outage Report. The Contractor's monthly outage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Outage reports shall be submitted by the 25th of each month for the previous month. Outage reports shall be submitted to the person identified at time of contract award.

3. Meter Reading Report. The monthly meter reading report shall show the current and previous month readings for all secondary meters. The Contractor's monthly meter reading report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Meter reading reports shall be submitted by the 15th of each month for the previous month. Meter reading reports shall be submitted to the person identified at time of contract award.

4. System Efficiency Report. If required by Paragraph C.3, the Contractor shall submit a system efficiency report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to the person identified at time of contract award.

J9.7 Energy Saving Projects

IAW Paragraph C.3, Requirement, the following projects have been implemented by the Government for conservation purposes: None.

J9.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the SHEPHERD AGS (ANG) boundaries.

J9.9 Off-Installation Sites

No off-installation sites are included in the sale of the SHEPHERD AGS (ANG) natural gas distribution system.

J9.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 7** provides a listing of service connections and disconnections required upon transfer.

TABLE 7
Service Connections and Disconnections
Natural Gas Distribution System SHEPHERD AGS (ANG)

Location	Description
None	

J9.11 Government Recognized System Deficiencies

Table 8 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the SHEPHERD AGS (ANG) natural gas distribution system. If the utility system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 8
System Deficiencies
Natural Gas Distribution System SHEPHERD AGS (ANG)

Project Location	Project Description
No System Deficiencies	